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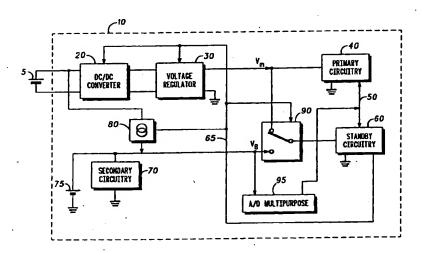
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(57) Abstract

A portable electronic device such as a mobile telephone is powered by a battery and is arranged to operate in an off-mode, a standby mode and an on-mode of operation. Primary electronic circuitry, operable only during the on-mode, provides the main features of the device. Secondary electronic circuitry (70) is operable during the off-mode, and standby circuitry (60) is operable during the standby mode. A power supply circuit is arranged for coupling to the battery (5) in order to provide power to the electronic device during the on-mode. A secondary power source (75) is arranged to be charged by the power supply circuit during the on-mode and further arranged for providing power to the second electronic circuitry during the off-mode. The secondary power source is further arranged for providing power to the standby circuitry during the standby mode, such that the power supply circuit does not operate during the standby mode.

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